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QUANTUM OPTIC ION

SUGATO GHOSH

Department of Physics, JLD College of Engineering & Management, Under Maulana Abul Kalam Azad University of Technology (Formally West Bengal University of Technology), West Bengal, India

ABSTRACT

Quantum optic with signal wave analog translation with the strength of radio wave frequency generator in classic and state of generated a fundamental transformation phase shift optical pumping with regenerate a reconstruction e or g transformation with ion core light figment. Optic moment with the turbulence of rotation ribbon have being generator have a laser and chromo dynamic optic have two state spin generator with complex vector and it chaotic with "Sugato Optic Molasses". Optical ½ spin field magnetic generator have generated and degenerated into multi task classic and non-classic state. It begins developed optical fermions with field magnet with symmetric transformation into the Hilbert Space. In this paper it also discusses optical moment with multi body rotation and optical dynamic rotation into the phase bounded symmetry transformation.

KEYWORD: Sugato Optic Molasses, ½ Spin, Symmetry Transformation

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INTRODUCTION

Pioneer inventor Roy. J. Glauber [1] in the inventive scale with the platform of quantum optic the skeleton of most interesting interferometry scheme Figure 1 with the signal node optic with the device generator have to be optic signal the wave analog have the phase detector ,although the signal node detector have a strength of radio wave frequency generator with the visual star Michelson interferometer. The interfarometric translations of effective Hanbury Brown Twist effect have to be an uncertainty with the absorption of optic pair ion of photon with a random output signal generator. The space time integrator have to be gently a correlation with time space optic or have to be twist effect of semi-classical conjugate.

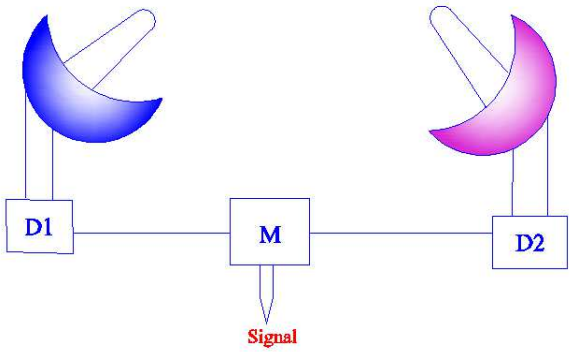

Figure 1: The Intensity Inferometery Scheme of Hanbury Brown and Twist Radio Frequency Wave are Received and Detected at Two Antennas. the filtered Low Frequency Signals that Result are sent to a Device that Furnishes an Output Proportional to their Product

Original Article

However, classic have to be integer with developing a chaotic noise into the generator of optical radio- frequency. The transition of photon is into state generator of spectral line spectra with the connected e or g to the third level [1]. The atom with transient with classic with non-classic decoherence state of generated a fundamental transformation phase shift optical pumping [2] with regenerate a reconstruction e or g transformation with ion core light figment. As the light shift as reconstruct resonates with ground state to Zeeman Effect the photon have to a excitation light optic translation.

However σ_1 to the time space generator of light shift optical pumping which have a regenerator with Raman transition [3] with core light figment with high polarized rotation into the state function of continuum of transfer axis of relativity [4] with generation of mass of acquisition with paradox with γ pulse ion into the regenerative a circular rotation into the source generator.

Although the very beginning state of light of young's experiment pinhole have extrapolate and interpolate rotation with transfer photon into the space-time generator and time-space degenerate with light figment. The optic correlation is with have an additional $(r^{+})^{\dagger}$ annihilation into the function energy translation with binomial series [5] E_1 …….E_n translation. The optic translates with non-classic figment into the ribbon [6] spin rotation with the enthalpy generation of Young –Mill experiment Figure 2.

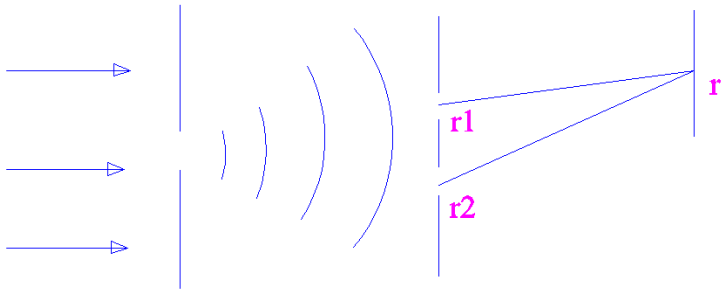

Figure 2: Young's Experiment Light Passing Through a Pinhole in the First Screen Falls on Two Closely Spaced Pinhole in a Second Screen. The Superposition of the Waves Radiates by These Pinhole $r_{1,}$ & r_2 leads to Interference Fringes Seen at Point on the Third Screens

However, the mass have a paradox with resonance of pulse with optic moment with the turbulence of rotation ribbon have being generator have a generator of laser and chromo dynamic optic with the resonance of spin have to be analog with two state either a ½ spin rotation with capturing optical molasses [2] or ½ spin pseudo shift phase light rotation with optical Zeeman [2] transition. The atomic velocity of "optical molasses" has a $(\tau_{p_1})^{\dagger} \rightarrow (\tau_{q_1})^{\dagger}$ phase Hilbert with dynamic annihilation Figure 3

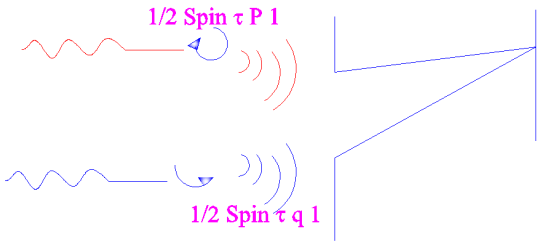

Figure 3: The Schematic Figure of ½ Spin Optical Molasses at the Source Light into the Phase Shift Rotation

However, exclusion have give a (1/2) state function of e> g> rotating into the optic ion into space time to transverse time –space continuum with rotation of axis x,y,z with complex vector i,j have sub-complex ion k with pair either i-k vector or j-k vector analog .

However, the generator of ½ spins with the colour figment with optic rotation into the Zeeman zero transition of function annihilation. Although the spatial spin analog have a chaotic with "Sugato optic molasses" into the optic ion in quantum mechanics.

Optical ½ Spin Field Magnetic Generator

A first example in Doppler cooling first suggested for natural atoms by T.W. Hansch and A.L.Schawlow [7] and independently for trapped ions , by D.Wineland and H.Dehmelt[8]. The Doppler cooling have to a transition into the generator of ½ vector of pseudo optic polarity with probability of ion optic. It have a generative ρ_{null} density operator with non-classic decoherence with collapsed wave have to generative optic spin rotation, with have a regenerative forces mass M have to be coupling ion into the phase Doppler with state transition into the optical rotational phase symmetry. It has a polar extrapolate generator outside ribbon ring to the colour figment of optic shadow.

However the other regenerator have interpolate of vanished ion field g> n>e> at the ground state zero Zeeman state into the ½ integer phase rotation into the phase shift dynamic optic dot phase to the rotating dark shadow with the colour optic with high figment black hole regenerative gravity ion have to be trapped to be optic ion.

Although, the colour has a transition into the ion optic into "ion molasses optic" two stage figment. It have a dynamic rotation of optic colour with shadow optic dark into the dot phase colour into the regenerated transfer phase to transfer ion optic.

The phase have a gravity with shadow rotation into the geometric mass [4] with colour in built dimension into soft to the vacuue phase absorption with high enthalpy to negative temperature ion figment optic. The dark "Sugato optic molasses" in the magnetic have a transition of δ phase with sub rotation δ_i , δ_j, δ_k rotation into the light shift to the photon degenerated. The ion phase Eγ [4] have a colour binomial have a phase to the rotational multi task classic degenerate into

the E $\begin{bmatrix} \ddot{Y}_{xyz} & \ddot{Y}_{yzx} & \ddot{Y}_{zxy} \\ \ddot{Y}_{yzx} & \ddot{Y}_{zxy} & \ddot{Y}_{xyz} \\ \ddot{Y}_{zxy} & \ddot{Y}_{xyz} & \ddot{Y}_{yzx} \end{bmatrix}$ to the multi phase zero Zeeman transition.

However, magnetic optic moment have $\left[\frac{1}{8}\left(1/2(\lambda_{i,j,k})\right)^{\dagger}\right]$ rotation symmetry with phase generator $\left[\frac{1}{8}\left(1/2(\lambda_{i,j,k})\right)^{-}\right]$ half phase pseudo shadow rotation, the annihilation have an ion optic vector generator with have a Zeeman to the transition state.

Optical Fermions with Field Magnet with Symmetric Transformation into Hilbert Space

The optical phase transition into the parameter g into with have a symmetry of mutual per mutable transformation into the ion optic have functional transformation into the fermions –boson magnetic field generator with the state generator into the different orientation of phase magnetic symmetry transformation with have

T $\mathcal{S}$

If T & S have two per mutable transformation, TS=ST, the family have to be an optic core light generator into two state per mutability.

However, S as a family rotation of optic line into the atomic fermion into the photon-electron transition with has a regular ordered relation generator. Although, the symmetry transformation with limit XY model for the value of the Jordan –Winger transformation with ill-well defined classic ion have to symmetry with generative functional value

$(Af,f) \geq (Bf,f)$

Although f is in the Hilbert Space & A, B is the bounded line optic with resonating resolution of symmetry rotational transformation into the ion-optic.

However, every positive transformation in the field magnet have a complex space Hilbert in space symmetric with high resolution fermion Zee- β Sugato transformation into the low resolution Zee-α Sugato Transformation into e>g>n simultaneous rotation about the dot generation of cloud ion into the molasses of high temperature. Although, Zee-γ Sugato transformation have to low frequency zero resolution into the transform ion- optic transformation into the coupling optic ion in the trapped photon transformation into the molasses –ion optic geometric rotational symmetry Figure 4

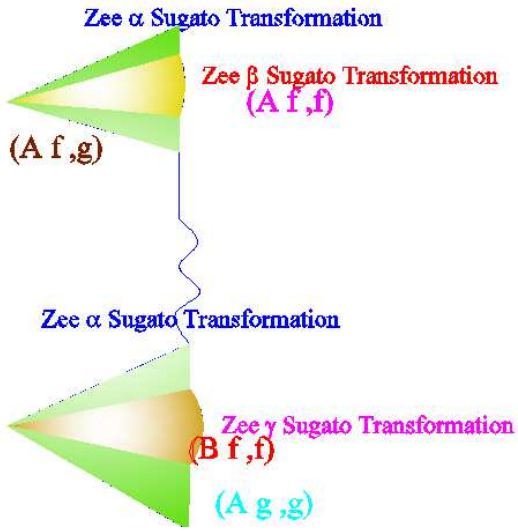

Figure 4: Colour Rotational Symmetry Ion Optic Transformation

However, if we considered two arbitrary f,g high resolution excitation ion into fermion the state rotation generalized as a Schwarz inequality

$|(Af,g)^2| \leq (Af,f)(Ag,g)$

The noise field generative rotational symmetry is with fermion ion into the optical ion optic. If the real value resolution of high frequency to the low frequency without the draft dark generation into the black hole colour into the phase optic rotation for every value of draft value with real line spectrometric line, colour transformation is to be

$h_\lambda = f + \lambda(Af,g)g$

Where,

$0 \leq (Ah_\lambda,h_\lambda)=(Af,f)+2\lambda|(Af,g)|^2+\lambda^2|(Af,g)|(Ag,g)$

With the bound maximum wave frequency to the minimum wave frequency in non-classical decoherence. Although, classic with Raman Band with transition of light transformation.

However, the super symmetry is with the debris chaotic with dark shadow with inbuilt rotational symmetry transformation. D-state wave has to be geometric hyperfine resolution into soft phase transformation.

Optical Moment with Multi- Body Rotation

The optic shift transformation into the frequency transformation into the phase rotation in the symmetry dipolar rotation about the figment of optic ion into the phase integration onto it pseudo phase into space time position with $\tau_{i,j}$ optic turbulence into the acoustic phase of non regular space geometry into shift Doppler[2] optic to be transfer optic ion into hyperfine stimulated rotational ion optic into the molasses optic phase with dipolar hybrid optic core into shift into shift orientation of excited stimulating ion core.

The body of objective have to into the turbulence with phase deterministic position into the ion –core with hybrid optic core. The multi task has a visual dimension phase with masses of ion and the transparency have given a position continuum into phase turbulences with closer resonance of dynamic optic fermions into dark debris core ion. The multi-body seems to be a rotation of multi task pseudo rotation about spin of ½ radiant transparencies into molar mass of atomic dipolar rotation.

However, the phase has a multi task into core molasses into ion optic to transition phase of ground state ion to high excitation phase ion in the coupled pair line of soft and dark figment ion of ion optic.

Optical Dynamic Rotation into the Phase Bounded Symmetric Transformation

The optic into the dynamic ion transition is into the electron photo multiplier where the correlation is into the spatial split into the time space integer of quantum countering into the light optic into the shift phase molasses of its symmetry transformation. However, it have to be assign the function inbuilt dark rotation in the ½ spin space into its dynamic inbuilt building onto it photon ion transition.

However,

$$P(\lambda) = a_0 + a_1\lambda + a_2\lambda^2 + \ldots\ldots\ldots\ldots\ldots + a_n\lambda^n$$

With the optic ion homogeneous symmetry with line spectra Raman Transition [3]

$$P(A) = a_0 + a_1 A + a_2 A^2 + \ldots\ldots\ldots\ldots\ldots + a_n A^n$$

Where it is homogeneous additive and multiplicative with line spectra into the chromonologic of its temperature. The function in built

$$cp(A),p(A) + q(A),p(A)q(A)$$

c is the high transition light, However, p(A) is the low shadow of mirror pseudo pulse light transition into the low state transition ion optic. So, that the corresponding

$$cp(\lambda),p(\lambda) + q(\lambda),p(\lambda)q(\lambda)$$

Moreover, these will give the corresponding with positive with the building block symmetry with respect to the pseudo light transition.

CONCLUSIONS

In this paper developed the theory on the optic ion in quantum mechanics and the optical ½ spin Hanbury Brown Twist effect and ½ spin off the field magnet generator. The optic ion is also into the optical fermion with field zero magnetic polarity. It also discusses optical moment with multi body rotation and optical dynamic rotation into the phase bounded symmetry transformation.

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